

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/003537

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 D02G 3/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 D02G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR : IPC as above

JP (utility models) : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 2000-70540 A (DU PONT-TORAY CO., LTD) 25 NOVEMBER 2000 See the whole document	1-7
X	JP 5-163626 A (ASAHI CHEM IND CO., LTD) 29 JUNE 1993 See the whole document	1-3, 5, 6
X	JP 2003-119636 A (DU PONT-TORAY CO., LTD) 23 APRIL 2003 See the whole document	1-4, 7
X	JP 9-67702 A (TOYOB0 CO., LTD) 11 MARCH 1997 See the whole document	1-4, 7
X	JP 7-238429 A (TOYOB0 CO., LTD) 12 SEPTEMBER 1995 See the whole document	1-4, 7

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

24 MAY 2005 (24.05.2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR

 Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

MIN, Byong Yug

Telephone No. 82-42-481-5617



**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/003537

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 2000-70540 A	25-11-2000	WO 9832904 A1 EP 956382 A1 DE 69802499 CO US 6240716 BA JP 10273837 A	30-07-1998 17-11-1999 20-12-2001 05-06-2001 13-10-1998
JP 5-163626 A	29-06-1993	NONE	
JP 2003-119636 A	23-04-2003	NONE	
JP 9-67702 A	11-03-1997	NONE	
JP 7-238429 A	12-09-1995	NONE	